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Aviation Mechanic Handbook: The Aviation Standard



Synopsis

A core reference for mechanics, aircraft owners, and pilots, this book compiles specifications from numerous reference books and government publications into one handy, toolbox-size reference guide. Revised to reflect current specifications, it provides mechanics with all the reference information critical to maintaining aircraft, including the most frequently used measurements, scales, charts, and diagrams. Topics covered in detail include metal fabrication, corrosion control, nondestructive inspection, control systems, and oxygen-system servicing. This new edition features additional information on the latest techniques in the industry, including composite materials and aircraft batteries. The stay-flat spiral binding and tabbed format facilitate quick look-ups and make this a convenient and safe on-the-job reference book.

Book Information

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Customer Reviews

The publisher, ASA does a consistently great job with their materials. Although the handbook is targeted to the needs of the aviation mechanic (A&P), it offers a wealth of information for pilots interested in the maintenance of their aircraft. The topics covered include basic metallurgy, taxi signals, identification of nuts and bolts plus fittings, use of various tools, corrosion identification and management, batteries from theory to maintenance. Many helpful tables such as the battery voltage vs % charged. The organization is excellent. The book is pocket book size but spiral bound which allows it to lay flat. Paper is heavy quality stock and easy to read. For the pilot there are pages of illustrations to help identify parts which greatly facilitates conversations with shops. Lots of tables

including trig functions, resistor identification, drill sizes, aluminum alloys etc. For the racer many of the practices regarding hardware, plumbing and electrical systems are very similar.

There is a lot of information from bolt types to metal corrosion. The spiral binding is great allowing the book to stay open at any page. I only gave it three stars because of what it is missing. I would like to have specific information on rivets and bolts describing how to interpret the part numbers and what size of drill to use for each size. The book needs some hardware charts.

Although some of the information contained in this book will be common knowledge for experienced aircraft mechanics working in the field, the section on hardware such as bolts and the section on corrosion are worth the price of the book alone, even for those with experience. Every aircraft mechanic needs to have a copy of this book. This book is as essential as Kevin Carter's book concerning the A&P License and having a high-paying aviation career ([...]). Every person working as a mechanic as well as every person interested in becoming an aircraft mechanic needs to have a copy of this book. I recently found myself without a copy, and that's when I realized its true value. I find some of the table lacking, but the book still contains much needed information for those of us working out in the field. Do not hesitate to buy this book. You will need it.

Everything in this book you will need, but not everything you need will be in this book. That being said no book will have everything you need, but this one comes close. Very handy and the spiral binding makes it great to lay on the bench next to you as you refer to it for something. When you need it, you REALLY need it.

It was suggested by our ODA administrator to get these books for the Unit Members. They have come in very handy right off the bat. Helping us get a feel for some things that might have been a little fuzzy on parts we supply to customers. Nice spiral bound edition sits flat on the desk, and makes it easy to read and compare.

If you are a student or a GA mechanic, this is really something you should always have in your tool box. I find myself referring to it on a semi daily basis and the information is very clear and explained very well.

It is almost perfect, I felt it was missing a few things but then again it is impossible to include

everything since it is a truncated handbook but I would like to at least have more note space where I can add to it. I was able to add some things that I felt were important to me in the space available but in the next edition I would love to see a lined sheet or two in each section for adding notes. Overall it is a valuable addition to your toolbox!!

ONE OF THE MOST COMPREHENSIVE AND DETAILED HANDBOOKS EVER. IF YOU NEED MORE INFO THAN THIS I WOULD SUGGEST THE ENCYCLOPEDIA BRITANICA. OR GOOGLE.NOW IF YOU COULD TELL ME WHERE MY " ADF GUIDEBOOK" IS I WOULD APPRECIATE IT. IT WAS PURCHASED THE SAME DAY AS THE ABOVE.

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